

US Serial No. 10/645248
Page 2 of 22

RECEIVED
CENTRAL FAX CENTER
FEB 16 2010

In the Claims:

- 1.(currently amended) A hard surface treatment composition comprising:
an alcohol constituent selected from the group consisting of methanol, ethanol, n-propanol, isopropanol, n-butanol, benzyl alcohol, and mixtures thereof which is present in an amount of from about 40 and 70 weight percent;
an effective amount of a pH adjusting agent such that the pH range of the composition is from about 7.0 to about 13.0;
and water, to 100 weight percent;
which aforesaid alcohol, pH adjusting agent and water alkaline aqueous alcohol constituents are sufficient to provide at least 1 log₁₀ of Poliovirus reduction in the absence of further constituents;
and further, optionally, one or more constituents selected from the group consisting of antimicrobials, corrosion inhibitors, perfumes, perfume carriers, deodorants, organic solvents, surfactants, propellants, pH buffers, organic acids, fungicides, and anti-oxidants;
characterized in that the hard surface treatment composition exhibits antimicrobial efficacy against one or more of: *Pseudomonas aeruginosa*, *Enterococcus hirae*, *Aspergillus niger*, *T. mentagrophytes*, Hepatitis A, Poliovirus Type 1, Coxsachievirus, Rotavirus, or Rhinovirus.
2. (original) A hard surface treatment compositions according to claim 1 which necessarily comprises a propellant.
3. (original) A hard surface treatment composition according to claim 1 which necessarily comprises an antimicrobial constituent.
4. (original) A hard surface treatment composition according to claim 2 which necessarily comprises an antimicrobial constituent.

US Serial No. 10/645248
Page 3 of 22

5. (original) A hard surface treatment composition according to claim 3 wherein the antimicrobial constituent is quaternary ammonium compound having antimicrobial properties or salt form thereof.
6. (original) A hard surface treatment composition according to claim 5 wherein the antimicrobial constituent is a non-chloride ion containing quaternary ammonium antimicrobial having antimicrobial properties.
7. (original) A hard surface treatment composition according to claim 4 wherein the antimicrobial constituent is quaternary ammonium compound having antimicrobial properties or salt form thereof.
8. (original) A hard surface treatment composition according to claim 7 wherein the antimicrobial constituent is a non-chloride ion containing quaternary ammonium antimicrobial having antimicrobial properties.
- 9.(withdrawn) A process for providing a disinfecting treatment of hard surfaces wherein the presence of one or more undesired microorganisms selected from , is suspected, which process contemplates the step of applying an antimicrobially effective amount of a hard surface treatment composition according to claim 1 to the hard surfaces where the presence of undesired microorganisms selected from one or more of: *Salmonella choleraesuis*, *Staphylococcus aureus*, *Escherichia coli*, *Pseudomonas aeruginosa*, *Enterococcus hirae* , *Aspergillus niger*, *T. mentagrophytes*, Hepatitis A , Poliovirus Type 1, Coxsachievirus , Rotavirus, or Rhinovirus is suspected.
- 10.(withdrawn) A process for providing a disinfecting treatment of hard surfaces wherein the presence of one or more undesired microorganisms selected from , is suspected, which process contemplates the step of applying an antimicrobially effective amount of a hard surface treatment composition according to claim 2 to

US Serial No. 10/645248
Page 4 of 22

the hard surfaces where the presence of undesired microorganisms selected from one or more of: *Salmonella choleraesuis*, *Staphylococcus aureus*, *Escherichia coli*, *Pseudomonas aeruginosa*, *Enterococcus hirae*, *Aspergillus niger*, *T. mentagrophytes*, Hepatitis A, Poliovirus Type 1, Coxsachievirus, Rotavirus, or Rhinovirus is suspected.

- 11.(withdrawn) A method for treating ambient air which method includes the step of dispensing an effective amount of a hard surface composition according to claim 1 in an amount effective to exhibit antimicrobial efficacy against gram positive type pathogenic bacteria and/or gram negative type bacteria.
- 12.(withdrawn) A method for treating ambient air which method includes the step of dispensing an effective amount of a hard surface composition according to claim 2 in an amount effective to exhibit antimicrobial efficacy against gram positive type pathogenic bacteria and/or gram negative type bacteria.
13. (original) The composition according to claim 1 wherein the amount of alcohol is from about 50 to about 70 weight percent.
14. (original) The composition according to claim 13 wherein the amount of alcohol is from about 50 to about 60 weight percent.
15. (original) The composition according to claim 1 wherein the pH of the composition is from about 9 to about 12.
16. (previously presented) The composition according to claim 1 the alcohol constituent is selected from ethanol, isopropanol, and mixtures thereof.
17. (previously presented) The composition according to claim 16 wherein the alcohol constituent consists solely of ethanol.

US Serial No. 10/645248
Page 5 of 22

18. (previously presented) The composition according to claim 2 wherein the amount of the alcohol constituent is from about 50 to about 70 weight percent.

19. (previously presented) The composition according to claim 18 wherein the amount of the alcohol constituent is from about 50 to about 60 weight percent.

20. (original) The composition according to claim 2 wherein the pH of the composition is from about 9 to about 12.

21. (previously presented) The composition according to claim 2 the alcohol constituent is selected from ethanol, isopropanol, and mixtures thereof.

22. (previously presented) The composition according to claim 21 wherein the alcohol constituent solely consists of ethanol.

23.(previously presented) A hard surface treatment composition according to claim 1 characterized in that the hard surface treatment composition exhibits antimicrobial efficacy against one or more of: *Enterococcus hirae*, *Aspergillus niger*, *T. mentagrophytes*, Hepatitis A, Poliovirus Type 1, Coxsachievirus, Rotavirus, or Rhinovirus.

24.(previously presented) A hard surface treatment composition according to claim 1 characterized in that the hard surface treatment composition exhibits antimicrobial efficacy against Poliovirus Type 1.

25.(currently amended) A hard surface treatment composition consisting of:
an alcohol constituent selected from the group consisting of methanol,
ethanol, n-propanol, isopropanol, n-butanol, benzyl alcohol, and mixtures thereof
which is present in an amount of from about 40 and 70 weight percent;

US Serial No. 10/645248
Page 6 of 22

an effective amount of a pH adjusting agent such that the pH range of the composition is from about 7.0 to about 13.0;

and, water in an amount to provide to 100 weight percent of the said composition water

which aforesaid alcohol, pH adjusting agent and water alkaline aqueous alcohol constituents are sufficient to provide at least $1 \log_{10}$ of Poliovirus reduction in the absence of further constituents;

and further, optionally, one or more constituents selected from the group consisting of antimicrobials, corrosion inhibitors, perfumes, perfume carriers, deodorants, organic solvents, surfactants, propellants, pH buffers, organic acids, fungicides, film-forming polymers, and anti-oxidants.

26.(currently amended) A hard surface treatment composition according to claim 25 consisting essentially of:

an alcohol constituent selected from the group consisting of methanol, ethanol, n-propanol, isopropanol, n-butanol, benzyl alcohol, and mixtures thereof which is present in an amount of from about 40 and 70 weight percent;

an effective amount of a pH adjusting agent such that the pH range of the composition is from about 7.0 to about 13.0;

optionally, one or more constituents selected from the group consisting of antimicrobials, corrosion inhibitors, perfumes, perfume carriers, deodorants, organic solvents, surfactants, propellants, pH buffers, organic acids, fungicides, and anti-oxidants;

and, water in an amount to provide to 100 weight percent of the said composition water

characterized in that the said hard surface treatment composition provides which aforesaid alkaline aqueous alcohol constituents are sufficient to provide at least $1 \log_{10}$ of Poliovirus reduction, in the absence of further constituents;

US Serial No. 10/645248
Page 7 of 22

and further, optionally, one or more constituents selected from the group consisting of antimicrobials, corrosion inhibitors, perfumes, perfume carriers, deodorants, organic solvents, surfactants, propellants, pH buffers, organic acids, fungicides, and anti-oxidants;

27.(currently amended) An aqueous, alkaline hard surface treatment composition effective in providing Poliovirus reduction comprising:

water,

an alcohol constituent selected from the group consisting of methanol, ethanol, n-propanol, isopropanol, n-butanol, benzyl alcohol, and mixtures thereof which is present in an amount of from about 40 and 70 weight percent;

an effective amount of a pH adjusting agent such that the pH range of the composition is from about 7.0 to about 13.0, which aforesaid water, alcohol and when present, pH adjusting agent alkaline aqueous alcohol constituents are sufficient to provide at least $1 \log_{10}$ of Poliovirus reduction in the absence of further constituents.

28.(currently amended) An aqueous, alkaline hard surface treatment composition effective in providing Poliovirus reduction consisting essentially of:

water,

an alcohol constituent selected from the group consisting of methanol, ethanol, n-propanol, isopropanol, n-butanol, benzyl alcohol, and mixtures thereof which is present in an amount of from about 40 and 70 weight percent;

an effective amount of a pH adjusting agent such that the pH range of the composition is from about 7.0 to about 13.0, which aforesaid water, alcohol and pH adjusting agent alkaline aqueous alcohol constituents are sufficient to provide at least $1 \log_{10}$ of Poliovirus reduction.

29.(new) An aqueous, alkaline hard surface treatment composition effective in providing Poliovirus reduction consisting of:

US Serial No. 10/645248
Page 8 of 22

water,

an alcohol constituent selected from the group consisting of methanol, ethanol, n-propanol, isopropanol, n-butanol, benzyl alcohol, and mixtures thereof which is present in an amount of from about 40 and 70 weight percent;

an effective amount of a pH adjusting agent such that the pH range of the composition is from about 7.0 to about 13.0, which said composition provides aforesaid ~~alkaline aqueous alcohol constituents are sufficient to provide at least 1 log₁₀ of Poliovirus reduction.~~